

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052229 A2

(51) International Patent Classification⁷: **D01F 9/127**,
C01B 31/02, 33/26, B01J 8/02, 8/12, 8/28, 8/00, 19/02

(21) International Application Number:
PCT/GB2004/004920

(22) International Filing Date:
22 November 2004 (22.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0327169.9 21 November 2003 (21.11.2003) GB

(71) Applicant (for all designated States except US): **STATOIL**
ASA [NO/NO]; I & K IR PAT, N-4035 Stavanger (NO).

(71) Applicant (for MG only): **COCKBAIN, Julian, Roderick**,
Michaelson [GB/GB]; Frank B. Dehn & Co., 179
Queen Victoria Street, London EC4V 4EL (GB).

(72) Inventors; and

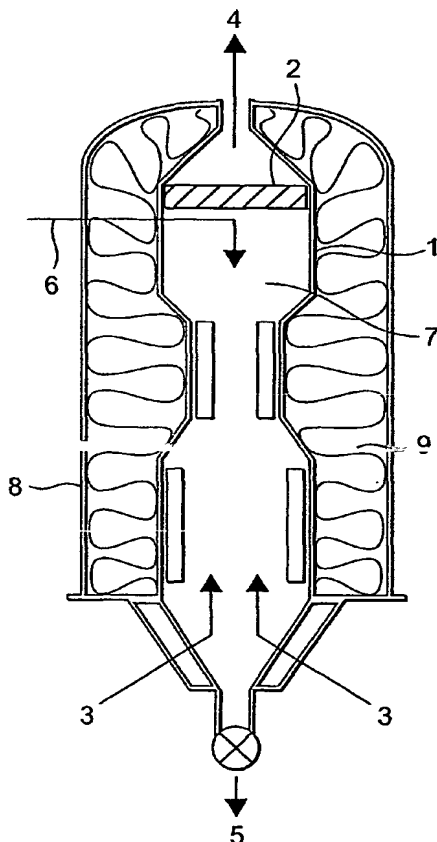
(75) Inventors/Applicants (for US only): **EDWIN, Emil**
[NO/NO]; Statoil ASA, I & K IR PAT, N-4035 Stavanger
(NO). **ARNESEN, Tore** [NO/NO]; Statoil ASA, I & K
IR PAT, N-4035 Stavanger (NO). **AASER, Knut-Ivar**
[NO/NO]; Statoil ASA, I & K IR PAT, N-4035 Stavanger
(NO). **RYTTER, Erling** [NO/NO]; Statoil ASA, I & K
IR PAT, N-4035 Stavanger (NO). **JOHANSEN, Johan**,
Arnold [NO/NO]; Statoil ASA, I & K IR PAT, N-4035
Stavanger (NO). **FORS, John** [SE/NO]; Statoil ASA, I &
K IR PAT, N-4035 Stavanger (NO).

(74) Agent: **FRANK B. DEHN & CO.**; 179 Queen Victoria
Street, London EC4V 4EL (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: METHOD



(57) Abstract: This invention relates to a method for the production of particulate carbon products in a reactor vessel wherein gas flow between a gas inlet port and a gas outlet port suspends a bed of catalyst-containing particulate material in said vessel and wherein the product is discharged from said vessel by falling from the bed.

WO 2005/052229 A2



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.